

WHAT IS CLAIMED IS:

1. A security and surveillance system, comprising:  
a detector for determining a presence in a zone of  
surveillance, said detector generating an activation signal  
in response to said presence; and

5 a processor for generating an infrared code to perform  
a specific function in response to said activation signal  
from said detector.

10 2. The security and surveillance system of Claim 1,  
further comprising:

a video camera for generating an image of said zone;  
and

15 a television monitor coupled to said video camera,  
said specific function controlling said television monitor  
to display said image from said video camera.

3. The security and surveillance system of Claim 2,  
further comprising:

20 a plurality of detectors for determining a presence in  
a plurality of surveillance zones, each detector monitoring  
a separate surveillance zone;

25 a plurality of video cameras for generating images  
from said plurality of surveillance zones, each video  
camera associated to with a separate surveillance zone; and

a camera switcher for controlling said images to said  
television monitor, said specific function controlling said  
television monitor to display said images from said video  
cameras.

30 4. The security and surveillance system of Claim 1,  
wherein said processor includes a timer for controlling an  
interval of said specific function.

5. The security and surveillance system of Claim 1, wherein said processor includes an infrared emitter for generating said infrared code corresponding to said activation signal.

5

6. The security and surveillance system of Claim 5, wherein said processor includes an infrared sensor for receiving said infrared code from said infrared emitter.

10

7. The security and surveillance system of Claim 6, further comprising:

an infrared flasher for transmitting said infrared code to perform said specific function.

15

8. The security and surveillance system of Claim 1, wherein said processor is programmable to generate different infrared codes corresponding to different specific functions.

20

9. The security and surveillance system of Claim 8, wherein said specific function is to adjust lighting within said zone of surveillance.

10. A device for monitoring a plurality of zones of surveillance, comprising:

5 a separate detector corresponding to each zone of surveillance for detecting an undesirable presence, each detector generating an activation signal in response to said undesirable presence;

10 a separate video camera corresponding to each zone of surveillance for generating images of each zone of surveillance;

15 a camera switcher for transmitting selected images from said plurality of video cameras;

a television monitor for displaying said selected images from said camera switcher;

20 a processor for generating an infrared coded signal in response to said activation signal in order to perform a specific function for controlling said television monitor.

25 11. The device of Claim 10, wherein said processor is programmable to generate different infrared coded signals for performing different specific functions that control said television monitor such that said processor can interrupt normal viewing behavior or activate said television monitor for displaying an appropriate image of a triggered zone of surveillance.

30 12. The device of Claim 10, further comprising:

a separate light assembly corresponding to each zone of surveillance, said processor controlling said light assembly to adjust an amount of light within a zone of surveillance.

35 13. The device of Claim 10, wherein said specific function is to display selected images on a picture in picture window of said television monitor.

5           14. The device of Claim 10, further comprising:  
a UHF modulator for converting said selected signals  
into a UHF signal, wherein said specific function is to  
display said selected images on a predetermined UHF channel  
of said television monitor.

10           15. The device of Claim 14, wherein said processor  
operates in a first, second, and third mode, said first  
mode disables said processor, said second mode interrupts  
television viewing upon detection of said undesirable  
presence, said third mode activates said television monitor  
during non-viewing periods to display said selected images  
upon detection of said undesirable presence.

15           16. A method of surveillance, comprising the steps  
of:  
monitoring a zone of surveillance to detect an  
existence of an undesirable presence;  
20           generating an infrared coded signal in response to  
said undesirable presence;  
performing a specific function in response to said  
infrared coded signal.

25           17. The method of Claim 16, further comprising the  
step of:  
generating a different infrared code to perform a  
different specific function as desired.

30           18. The method of Claim 16, further comprising the  
steps of:  
generating an image of said zone of surveillance,  
wherein said specific function is to control a television  
monitor in order to display said image.

19. The method of Claim 18, wherein a plurality of zones of surveillance are monitored and a plurality of images are generated corresponding to each zone of surveillance, wherein said images are selected for display on said monitor.

5

20. The method of Claim 16, wherein said performing step occurs over a specific time interval.

ADDA4